



COLORADO SPRINGS,
COLORADO

November 1993

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Pikes Peak Radio Amateur Association, Inc.
 P. O. Box 16521
 Colorado Springs, Colorado 80935

FIRST CLASS MAIL



Ø BEAT



P.P.R.A.A Officers and Directors

President--	Steve Westby	WB7VHR	1540 Keith Dr.	80916	570-1070
Vice-President--	Al Vrooman	NØCMW	1341 Diana Ln.	80916	473-1880
Secretary--	Kan Phillips	WØWTF	4850 Santiago Way	80917	574-6368
Treasurer--	Thomas McDaniel	WØWTF	4285 Shinging Way	80916	570-1466
Board Member--	Ora Marie Rose	NØQJX	8214 Colter Lane	80918	591-6766
Board Member--	Malcolm Berntsen	KE9S	15366 Derby Lane	80921	488-2071
Board Member--	Liz Deutsch	NØTUK	4305 Ridgelane Dr.	80918	593-8362
Board Member--	Steve Schaarschmidt	KØCI	8166 Tuckerman Ln.	80918	598-3654
Past President--	Luci Stansberry	NØOUD	2630 E. Uintah	80918	636-1290
Ø-Beat Editor--	Ron Deutsch	NKØP	4305 Ridgelane Dr.	80918	593-8352

ZERO BEAT is published monthly in the interest of the members of the Pikes Peak Radio Amateur Association, Inc., PO Box 16521, Colorado Springs, Colorado 80935. For membership and subscription information see last page of this publication. The Pikes Peak Radio Amateur Association meets monthly on the second Wednesday of each month at the Disabled American Veterans, Chapter 26, 6980 Palmer Park Blvd, at 7PM.

EDITOR: Ron Deutsch, NKØP, 4305 Ridgelane Drive, Colorado Springs, Colorado 80918 (719)593-8352.

Deadline for submission of articles or ads is the 21st of each month. Submissions may be sent to the Editor or to the club PO box. Permission to reprint articles is granted provided credit is given to both the author and this publication.

ADVERTISING RATES: Full page \$48; half page \$24; quarter page \$12; business card \$6. These are monthly rates and are billed quarterly. Send your ad requests and payments to: PPRAA, PO Box 16521, Colorado Springs, Colorado 80935.

Message From the President...

I joined the Pikes Peak Radio Amateur Association in June of 1990. Slightly more than a year later I was elected to the club's Board of Directors. Now, three years later, I have been elected President of our fine organization. I am truly amazed that this has happened!

I have been a ham roughly since 1971 and the last three years have been best in my amateur career. They have been great fun and I have been privileged to meet many marvelous people. Thanks to everyone for their votes and their confidence.

I intend to urge a couple of new commitments (at least!) on our club during my tenure. Among them are the formation of an Elmer Committee to assist new (and veteran) hams. Also, I would like to see a membership committee formed to solicit new club members and to urge participation among our less active members.

Thanks again, and to borrow a phrase from Jake, NØCYR: Go Carefull!

73 de Steve, WB7VHR.

VE Testing

Rick Brown - KDØSU

VE Testing is sponsored by the PPRAA on the 2nd Saturday of February, April, June, August, October and December. Testing takes place at 9:00 AM at:

Denver Technical College (DTC)
225 South Union
Colorado Springs

While we prefer pre registration, walk-ins are accepted on a space available basis. As a reminder to anyone wishing to take an examination you should bring the follow items.

1. \$5.60 (preferably a check made out to ARRL/VEC) for all exams other than elements 1A or 2.

2. Picture identification

3. A copy of your current amateur license as well as the signed original, or a copy of any examination credit you have.

4. Pen, pencils, and a calculator if you need one.

To pre register, or if you have any questions, please call me at 531-9423. Please do not call DTC, they only provide us the place, and do not have any of the information about testing.



Greg, WA2OOD, explains the finer points
of Radio Controlled Flying



The Tesla Coil again provided
50,000 volts of attention getting



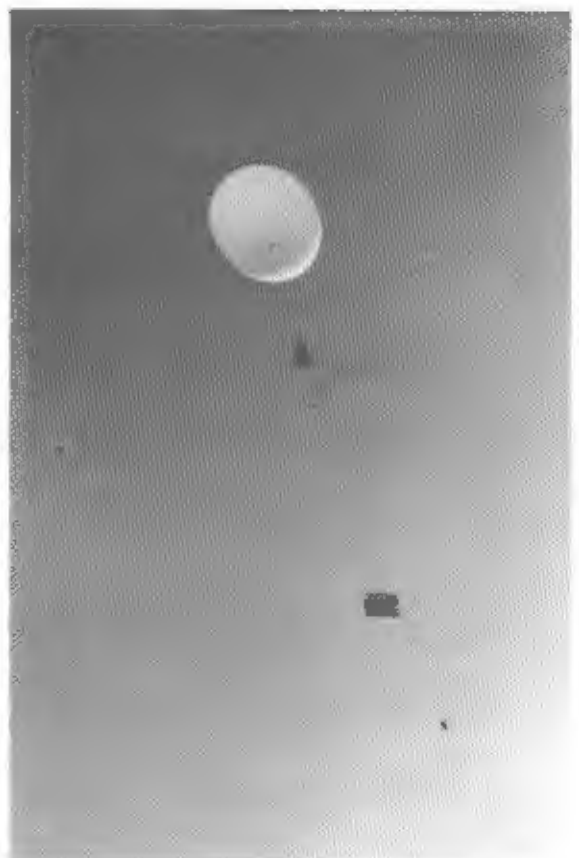
Membership Roster Changes for October 1993

Call	First Name	Last Name	Address	City	State	Zipcode	Phone
KB0DRT	ALLAN	HAENSGEN	5134 WINDGATE CT.	COLO. SPGS.	CO	80917	570-1466
KB0IAP	MICHAEL	PROCTOR	4405 RIDGECREST DR.	COLO. SPGS.	CO	80918	599-3764
KC4EGS	MATT	WARNOCK	5175 PINON VALLEY RD.	COLO. SPGS.	CO	80919	531-6609
EP4B	ED	DALTON	19885 RIVERGLEN LN.	MONUMENT	CO	80132	481-4297
NOXKG	TED	ALLISON	1323 OSWEGO	COLO. SPGS.	CO	80904	633-1517
NOXRA	SHARON	WARNOCK	5175 PINON VALLEY RD.	COLO. SPGS.	CO	80919	531-6609
NOVBG	JOHN	EPLEY	3855 SIERRA VISTA RD.	MONUMENT	CO	80132	481-3786
NOVDF	DAVID	PARSONS	2874 SERENDIPITY CR. WEST	COLO. SPGS.	CO	80917	574-1001
NOXFD	WILLIAM	BEANE	6021 COPPER MTK. DR.	COLO. SPGS.	CO	80918	599-8708
NOXWO	ALLISON	PARSONS	2874 SERENDIPITY CR. WEST	COLO. SPGS.	CO	80919	574-1001
NOXEC	ISRAEL	VELEZ	3114 MOONBEAM CR. S.	COLO. SPGS.	CO	80916	391-8726
KOYSD	WILLIAM	CLARK	4053 SODROUSE TRL.	COLO. SPGS.	CO	80917	637-1065
NSJEL	DONALD	DUBON	5653 OREGON ST.	CAMP LEJEUNE	NC	28547	353-8578
NH6ON	NICK	POWELL	4780 RUSTLER CT.	COLO. SPGS.	CO	80918	260-9321
WETWHT	ROBERT	ROLLEE	4846 HEENDON CR.	COLO. SPGS.	CO	80920	282-0204
K _____	BARTON	EPLEY	3855 SIERRA VISTA RD	MONUMENT	CO	80132	481-3786

Please send roster changes to Les, KC0NC, Membership Chairman



The E.O.S.S Balloon goes up right on schedule!



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November 1993

PIKES PEAK RADIO AMATEUR ASSOCIATION

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 Tech Classes DAV 8:00pm SCTN 146.97	2 7:00pm ARES NET 146.97 7:30pm RACES NET 146.97 8:00pm SCTN 146.97 8:30pm MARA 147.345 (N6VTS)	3 Tech Classes DAV 7:30pm CMRG Info Net 147.345 8:00pm SCTN 146.97	4 7:00pm Teller Co. ARES Net 146.82 8:00pm SCTN 146.97	5 8:00pm SCTN 146.97	6 7:00am Village Inn Breakfast 8:00pm SCTN 146.97
7 8:00am COLORADO ARES NETS 3928.0 6:30pm RACES HF NET 3990.5 8:00pm SCTN 146.97	8 Tech Test DAV 8:00pm SCTN 146.97	9 7:00pm ARES NET 146.97 7:30pm RACES NET 146.97 8:00pm SCTN 146.97 8:30pm MARA 147.345 (N6VTS)	10 7:00pm PPRAA Meeting DAV "Contesting" 8:00pm SCTN 146.97	11 7:00pm Teller Co. ARES Net 146.82 8:00pm SCTN 146.97	12 8:00pm SCTN 146.97	13 7:00am Village Inn Breakfast 8:00pm SCTN 146.97
14 8:00am COLORADO ARES NETS 3928.0 6:30pm RACES HF NET 3990.5 8:00pm SCTN 146.97	15 8:00pm SCTN 146.97	16 7:00pm ARES NET 146.97 7:30pm RACES NET 146.97 8:00pm SCTN 146.97	17 7:00pm MARC Meeting Woodland Park 7:30pm CMRG Info Net 147.345 8:00pm SCTN 146.97	18 7:00pm Teller Co. ARES Net 146.82 8:00pm SCTN 146.97	19 8:00pm SCTN 146.97	20 7:00am Village Inn Breakfast 8:00pm SCTN 146.97
21 8:00am COLORADO ARES NETS 3928.0 6:30pm RACES HF NET 3990.5 8:00pm SCTN 146.97	22 Q-BEAT DEADLINE 8:00pm SCTN 146.97	23 7:00pm ARES NET 146.97 7:30pm RACES NET 146.97 8:00pm SCTN 146.97 8:30pm MARA 147.345 (N6VTS)	24 7:30pm CMRG Info Net 147.345 8:00pm SCTN 146.97	25 7:00pm Teller Co. ARES Net 146.82 8:00pm SCTN 146.97	26 8:00pm SCTN 146.97	27 7:00am Village Inn Breakfast 8:00pm SCTN 146.97
28 8:00am COLORADO ARES NETS 3928.0 6:30pm RACES HF NET 3990.5 8:00pm SCTN 146.97	29 8:00pm SCTN 146.97	30 7:00pm ARES NET 146.97 7:30pm RACES NET 146.97 8:00pm SCTN 146.97				

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December 1993

PIKES PEAK RADIO AMATEUR ASSOCIATION

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

			1 8:00pm SCTN 146.97	2 7:00pm Teller Co. ARES Net 146.82 8:00pm SCTN 146.97	3 8:00pm SCTN 146.97	4 7:00am Village Inn Breakfast 8:00pm SCTN 146.97
5 8:00am COLORADO ARES NETS 3928.0 6:30pm RACES HF NET 3990.5 8:00pm SCTN 146.97	6 8:00pm SCTN 146.97	7 7:00pm ARES NET 146.97 7:30pm RACES NET 146.97 8:00pm SCTN 146.97	8  7:00pm PPRAA Meeting & Christmas Party 8:00pm SCTN 146.97	9 7:00pm Teller Co. ARES Net 146.82 8:00pm SCTN 146.97	10 8:00pm SCTN 146.97	11 7:00am Village Inn Breakfast 8:00pm SCTN 146.97
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26 8:00am COLORADO ARES NETS 3928.0 6:30pm RACES HF NET 3990.5 8:00pm SCTN 146.97	27 0-BEAT DEADLINE 8:00pm SCTN 146.97	28 7:00pm ARES NET 146.97 7:30pm RACES NET 146.97 8:00pm SCTN 146.97	29 8:00pm SCTN 146.97	30 7:00pm Teller Co. ARES Net 146.82 8:00pm SCTN 146.97	31 8:00pm SCTN 146.97	

November 1993

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January 1994

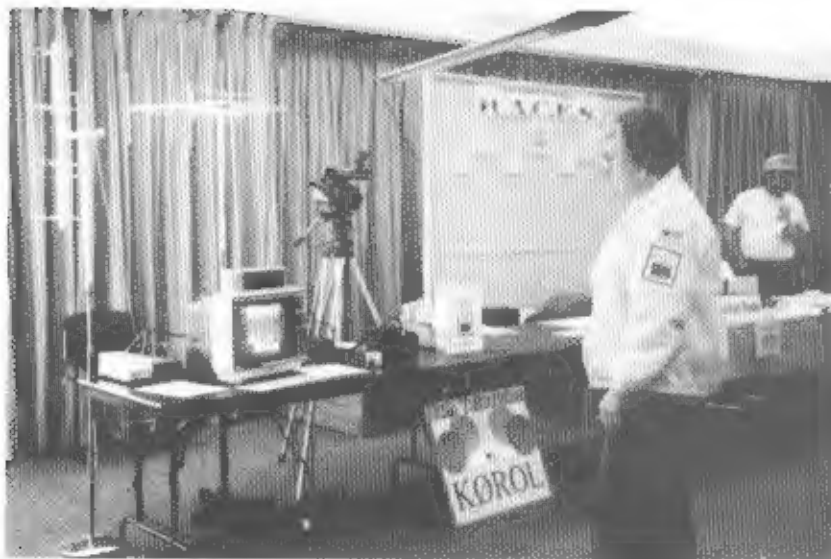
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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					



Jake, NØCYR and Stephanie, KBØEZH
having a FB CW QSO



The Club Trailor got a workout too!



Ora, NØQJX, inspects the ATV station.
Doug, WBØMHP, at the RACES display.

Upcoming Programs

November--

E. J. Lund, KDØNB, has volunteered to give a program on contesting, including some material on computerized logging.

December--

Our annual Christmas Party is being organized by Susan Smith, KA7NNX. The party will follow a regular meeting and will include musical entertainment and prizes. Keep your eyes peeled for details.

January--

The first program of the new year will be our traditional Home-brew Night. Gather up your favorite projects to show off!

Nick Powell, NH6ON, has offered to give a talk on HF propagation; I'll ask him to schedule that for February 1994.

Beyond that Mike Silva has expressed an interest in coming back to talk more about weather, sometime before the 1994 storm season.

If you have ideas for programs you'd like to give (or ideas you'd like to see), please call me...

73, Steve Schaarschmidt, KØCI, 598-3554
PPRAA Program Chairman

Dits and Bits

Wanted:

Any information on the EICO, peak to peak VTVM Model 248. Contact George Beachamp, 635-8758

For Sale:

Buttermut HF6V 5-band HF vertical antenna, \$75 or Trade for?? Lonny NØKUU 630-1542

For Sale:

G.A.P. DX-VI multiband vertical antenna 10-80 meters, cost \$250--sell \$100 contact: WØUDZ 635-4158

HAM Radio Auto Plates

KØØKQI says check your yearly auto plate renewal carefully if you have HAM Radio plates. He was charged the fee for "Vanity" plates and had to call Denver to get it straightened out.

General Meeting October 13, 1993

Treasurer Report: Previous Balance - 1287.48

Income	- 312.15
Expenses	- 872.17
New Balance	- 927.44

Education - Classes were completed on 11 Oct. New classes will start on 20 Oct.

VE - Volunteers are requested for future test sessions.

RACES - Nets were reviewed

ARES - Nets were reviewed

CCARC - The meeting was on 2 Oct. A Boulder tower case appeal was lost. Applications for new repeaters must be submitted prior to December. Suggested that Ø Beat be entered into the ARNS contest.

Trailer - Needs a spare tire.

Ø Beat - Will enter the ARNS contest.

Falcon Wanderers - Request help for the Torch Walk in April, 1994.

Swapfest - On 21 May at Liberty HS exit 151 off I 25. Motion passed to appropriate \$510.00 for renting the facility.

Zoning codes - Will not go before the planning commission until late November.

Hammy - Received by Al Craig for his work on the library program.

The Education Committee requested funds for a laptop computer.

Lucy, NØQUD is the Communications Director of the Red Cross FAST team.

Elections Results:

President - Steve, WB7VHR
Vice President - Al, NØCMW
Treasurer - Tom, NØNTX
Secretary - Ken, NØNKP
Board Members:
Malcom, KE9S
Ora, NØQJX
Steve, KØCI

Mike Silva, the The KUSA Helicopter Pilot conducted the evening's program.

Submitted by Liz NØTUK, PPRAA Secretary

Board Meeting, October 17 1993

The meeting was called to order at the QTH of Luci, NØQUD at 2pm.

The following members attended:

Steve, WB7VHR; Al, NØCMW; Tom, NØNTX; Ora, NØQJX; Malcom, KE9S; Liz, NØTUK; Steve, KØCI; Luci, NØQUD and Ron, NKØP.

The Board approved the purchase of a raffle prize for the Christmas Party. The Vice President will decide upon the prize. The Board also approved a donation of \$50.00 for the musical entertainment.

Malcom, KE9S will work on a calendar listing the agenda for the coming year.

Future programs are: November - Contesting, December - Christmas Party, January - Home Brew Night.

It was suggested that no programs be scheduled for the October election night.

Board members will need a copy of the By-laws. George Clark is looking for QST magazines from 1992 and 1993.

Food Donations for the DAV food pantry will continue to be accepted at meetings. Anyone

bringing a donation will receive one free raffle ticket.

Discussed finding a qualified person to audit the Club books.

The Board passed a motion to provide matching funds up to \$500.00 for a new computer requested by the Education Committee.

The meeting was adjourned at 4pm.

The next Board meeting will be at the QTH of Steve WB7VHR on Monday, Nov. 15 at 7pm.

Submitted by Liz, NØTUK, Substituting for Ken, NØNKP.

FOOD DONATIONS for THE D.A.V. FOOD PANTRY

The DAV will gratefully accept any donations of non-perishable food to their pantry. At the present time, the most helpful donations are small packages of dried milk and other beverage mixes, jars of peanutbutter, and small bags of noodles. Liz, NØTUK will see to it that any donations are placed in the pantry on the night of the meeting. *Anyone who brings in a donation of food will receive a free raffle ticket.*

Club Members Help KQØH

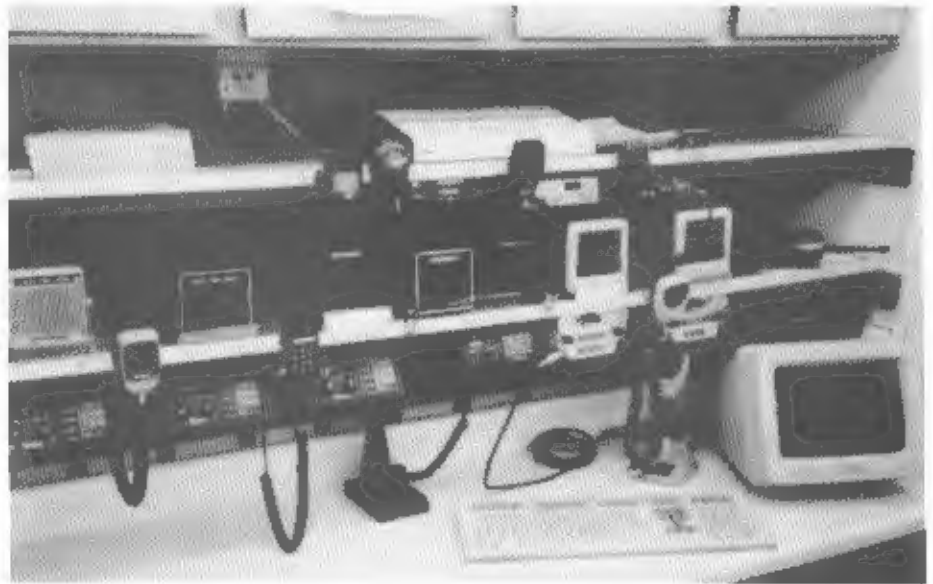
On Oct.21,1993 members of the Pikes Peak Club. Held a tower and antenna removal party at the QTH of KQØH Bill Martin, who do to bad health is forced to move back to sea level. Members were AL, NØCMW, OAK, KØROL,PETE NØLA, IVAN NØMIX, RICHARD NØIKE. Mission was acomplished and gin pole and other equipment borrowed from JAKE NØCYR returned by 1430. With no damage done to limb or property. Bill sends his thanks to all.

submitted by AL NØCMW.



E.O.S.S. members track and receive telemetry from the Balloon.

Search and Rescue van provides the ideal in uncluttered operating!



Do you remember when you felt this way about HAM radio?

Committee Chairpersons, etc.

Publicity	Al Craig	594-9288
Membership	Les Borst	634-3995
Education	Al Bailey	597-8514
VE Testing	Rick Brown	631-9423
Interference	Bill Petty	591-2116
RACES	Doug Moloney	unlisted
ARES	John Chapman	635-1604
Skywarn	Steve Westby	570-1070
Public Service	Mike Stansberry	636-1290
CCARC	Oak Stockton	570-7782
Club Trailer	Harry Russell	
Newsletter	Ron Deutsch	593-8352
Club Historian	Al Craig	594-9288
Falcon Wanderers	Bob Nyman	574-5161
Programs	Steve Shaarschmidt	598-3654
Swapfest	Harvey Hunter	597-8964
Christmas Party	Susan Smith	495-0624

OM/YL Lunch Bunch

Come join the OM/YL Chow Hounds for a Pre-Thanksgiving lunch at the Home Town Buffet at the Shops of the Bluffs on November 18, 1993 at 12:00 noon, where we will have a "gobbling" good time. C U there.

73s Rosie Calaway, WAØMNL
"The Cured Ham"

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